

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	254	fluvastatin and polymorph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 10:18
L2	25	fluvastatin and polymorph and monosodium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/09 10:35

10576784

=> fil reg COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.47	302.18

FILE 'REGISTRY' ENTERED AT 10:14:45 ON 09 MAR 2007
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STRUCTURE FILE UPDATES: 8 MAR 2007 HIGHEST RN 925886-00-6
DICTIONARY FILE UPDATES: 8 MAR 2007 HIGHEST RN 925886-00-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> E "FLUVASTATIN"/CN 25

E1	1	FLUVALINATE-TOLFENPYRAD MIXT./CN
E2	1	FLUVAROL/CN
E3	1	--> FLUVASTATIN/CN
E4	1	FLUVASTATIN HEMICALCIUM/CN
E5	1	FLUVASTATIN SODIUM/CN
E6	1	FLUVASTATIN SODIUM MONOHYDRATE/CN
E7	1	FLUVEAN/CN
E8	1	FLUVERMAL/CN
E9	1	FLUVERSIN/CN
E10	1	FLUVET/CN
E11	1	FLUVIBACTIN/CN
E12	1	FLUVIBACTINE/CN
E13	1	FLUVIOL A/CN
E14	1	FLUVIOL B/CN
E15	1	FLUVIOL C/CN
E16	1	FLUVIOL D/CN
E17	1	FLUVIOL E/CN
E18	1	FLUVION S 14/CN
E19	1	FLUVIRIN/CN
E20	1	FLUVIRUCIN A1/CN
E21	1	FLUVIRUCIN A2/CN
E22	1	FLUVIRUCIN B1/CN
E23	1	FLUVIRUCIN B1 AGLYCON/CN
E24	1	FLUVIRUCIN B2/CN
E25	1	FLUVIRUCIN B3/CN

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=> S E3 OR E5

1 FLUVASTATIN/CN
1 "FLUVASTATIN SODIUM"/CN
L7 2 FLUVASTATIN/CN OR "FLUVASTATIN SODIUM"/CN

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.35	312.53

FILE 'CAPLUS' ENTERED AT 10:15:17 ON 09 MAR 2007
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FILE COVERS 1907 - 9 Mar 2007 VOL 146 ISS 12
FILE LAST UPDATED: 8 Mar 2007 (20070308/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> S L7
L8 1715 L7

=> d ibib abs hitstr 1000-1010

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=> d his

(FILE 'HOME' ENTERED AT 10:02:36 ON 09 MAR 2007)

FILE 'REGISTRY' ENTERED AT 10:02:47 ON 09 MAR 2007

E "7-(3-(4-FLUOROPHENYL)-1-)1-METHYLETHYL)-1H-INDOL-2-YL)-3,5-D
E "7-(3-(4-FLUOROPHENYL)-1-(1-METHYLETHYL)-1H-INDOL-2-YL)-3,5-D

FILE 'STNGUIDE' ENTERED AT 10:04:42 ON 09 MAR 2007

FILE 'REGISTRY' ENTERED AT 10:07:50 ON 09 MAR 2007

L1 STRUCTURE UPLOADED
L2 117 S L1 FULL

FILE 'CAPLUS' ENTERED AT 10:08:23 ON 09 MAR 2007

L3 1740 S L2

FILE 'REGISTRY' ENTERED AT 10:09:49 ON 09 MAR 2007

L4 STRUCTURE UPLOADED
L5 44 S L4 FULL SUB=L2

FILE 'CAPLUS' ENTERED AT 10:10:21 ON 09 MAR 2007

L6 1733 S L5

FILE 'REGISTRY' ENTERED AT 10:10:33 ON 09 MAR 2007

FILE 'CAPLUS' ENTERED AT 10:10:34 ON 09 MAR 2007

FILE 'REGISTRY' ENTERED AT 10:11:05 ON 09 MAR 2007

FILE 'CAPLUS' ENTERED AT 10:11:12 ON 09 MAR 2007

FILE 'REGISTRY' ENTERED AT 10:12:55 ON 09 MAR 2007

FILE 'CAPLUS' ENTERED AT 10:13:17 ON 09 MAR 2007

FILE 'REGISTRY' ENTERED AT 10:13:27 ON 09 MAR 2007

FILE 'CAPLUS' ENTERED AT 10:13:40 ON 09 MAR 2007

FILE 'REGISTRY' ENTERED AT 10:13:53 ON 09 MAR 2007

FILE 'CAPLUS' ENTERED AT 10:14:01 ON 09 MAR 2007

FILE 'REGISTRY' ENTERED AT 10:14:45 ON 09 MAR 2007
E "FLUVASTATIN"/CN 25

L7 2 S E3 OR E5

FILE 'CAPLUS' ENTERED AT 10:15:17 ON 09 MAR 2007

L8 1715 S L7

=> s 18 and polymorph

7795 POLYMORPH

8882 POLYMORPHS

13587 POLYMORPH

(POLYMORPH OR POLYMORPHS)

Karen Cheng

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L9 7 L8 AND POLYMORPH

=> d ibib abs hitstr tot

Karen Cheng

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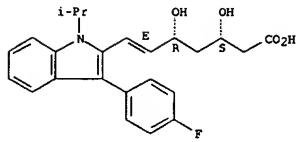
L9 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 20061006487 CAPLUS
 DOCUMENT NUMBER: 145:356646
 TITLE: Spray-drying process for the preparation of polymorph form G of fluvastatin sodium
 INVENTOR(S): Tarur, Venkatasubramanian Radhakrishnan; Sathe, Dhanananjan Govind; Mantripragada, Narayana Rao; Bhopalkar, Rajesh; Sawant, Kamlesh Digambar; Chavan, Dattatraya Nivruti
 PATENT ASSIGNEE(S): USV Limited, India
 SOURCE: PCT Int. Appl., 14pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 20061006868	A1	20060928	WO 2005-IN181	20050603
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UT, V, VN, YU, ZA, ZH, ZR, RW, BH, CH, GE, IE, IS, MW, NA, SD, SI, SZ, TZ, UG, ZM, ZR, AM, AZ, BY, KG, KZ, MD, RU, TJ, TT, AT, BG, CR, CY, CZ, DE, DK, EE, ES, FI, FA, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BE, BJ, CF, CG, CI, CM, GA, GV, HL, MR, PT, RO, SE, SN, TD, TG			
RW:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UT, V, VN, YU, ZA, ZH, ZR, RW, BH, CH, GE, IE, IS, MW, NA, SD, SI, SZ, TZ, UG, ZM, ZR, AM, AZ, BY, KG, KZ, MD, RU, TJ, TT, AT, BG, CR, CY, CZ, DE, DK, EE, ES, FI, FA, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BE, BJ, CF, CG, CI, CM, GA, GV, HL, MR, PT, RO, SE, SN, TD, TG			
EP:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20061108	EP 2006-17225	20040618
EP:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20061109	EP 2006-17518	20040618
EP:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20061129	EP 2006-17224	20040618
EP:	AT, BE, BG, CH, CY, CZ, DE, DK, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR	20070214	EP 2006-17519	20040618
EP:	AT, BE, BG, CH, CY, CZ, DE, DK, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR	20060506	CA 2004-2541720	20040817
CA:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20060614	EP 2004-781379	20040817
EP:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20061227	CN 2004-80036532	20040817

PRIORITY APPLN. INFO.: IN 2005-MU317 A 20050322
 AB Polymorphic form G of fluvastatin sodium, having an X-ray diffraction peak at a 2θ value of 3.48 is prepared by a process comprising spray drying a 3-10% w/v solution of fluvastatin sodium in a solvent (e.g., water) using a spray gun having an inlet temperature of 120-200° and an outlet temperature of 60-100°.
 IT 93957-55-2, Fluvastatin sodium
 RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); PROC (Process)
 (spray-drying process for the preparation of polymorph form G of fluvastatin sodium)
 RN 93957-55-2 CAPLUS
 CN 6-Heptenoic acid, 7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-, monosodium salt, (3R,5S,6E)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

L9 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● Na

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005395268 CAPLUS
 DOCUMENT NUMBER: 142:435812
 TITLE: Preparation of a polymorph of fluvastatin sodium
 INVENTOR(S): Frenkel, Gustavo; Gilboa, Eyal
 PATENT ASSIGNEE(S): Teva Pharmaceutical Industries Ltd., Israel; Teva Pharmaceuticals USA, Inc.
 SOURCE: PCT Int. Appl., 37 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005040113	A1	20050506	WO 2004-US26673	20040817
WO 2005040113	A8	20050721		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MH, MN, MW, MX, MZ, NA, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UT, V, VN, YU, ZA, ZH, ZR, RW, BH, CH, GE, IE, IS, MW, NA, SD, SI, SZ, TZ, UG, ZM, ZR, AM, AZ, BY, KG, KZ, MD, RU, TJ, TT, AT, BG, CR, CY, CZ, DE, DK, EE, ES, FI, FA, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BE, BJ, CF, CG, CI, CM, GA, GV, HL, MR, PT, RO, SE, SN, TD, TG			
RW:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MH, MN, MW, MX, MZ, NA, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UT, V, VN, YU, ZA, ZH, ZR, RW, BH, CH, GE, IE, IS, MW, NA, SD, SI, SZ, TZ, UG, ZM, ZR, AM, AZ, BY, KG, KZ, MD, RU, TJ, TT, AT, BG, CR, CY, CZ, DE, DK, EE, ES, FI, FA, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BE, BJ, CF, CG, CI, CM, GA, GV, HL, MR, PT, RO, SE, SN, TD, TG			
EP:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20061108	EP 2006-17225	20040618
EP:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20061109	EP 2006-17518	20040618
EP:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20061129	EP 2006-17224	20040618
EP:	AT, BE, BG, CH, CY, CZ, DE, DK, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR	20070214	EP 2006-17519	20040618
EP:	AT, BE, BG, CH, CY, CZ, DE, DK, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR	20060506	CA 2004-2541720	20040817
CA:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20060614	EP 2004-781379	20040817
EP:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	20061227	CN 2004-80036532	20040817

PRIORITY APPLN. INFO.:
 AB Provided are processes for preparing a polymorphic form of fluvastatin sodium with PXRD peaks at 3.8, 11.1, 12.9, 17.8 and 21.7 0.2 degrees two-theta.

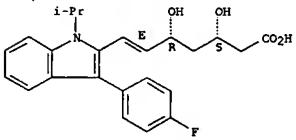
Karen Cheng

L9 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

IT 93957-55-2P, Fluvastatin sodium
 RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of a polymorph of fluvastatin sodium)

RN 93957-55-2 CAPLUS
 CN 6-Heptenoic acid, 7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-, monosodium salt, (3R,5S,6E)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



● Na

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10576784

L9 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:371218 CAPLUS
 DOCUMENT NUMBER: 142:417153
 TITLE: Crystalline form of fluvastatin sodium
 INVENTOR(S): Van Der Schaaf, Paul Adriaan; Blatter, Fritz;
 Szlagiewicz, Martin
 PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.
 SOURCE: PCT Int. Appl., 11 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 2005037787	A1	20050428	WO 2004-EP52449	20041006	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	US 2006241167	A1	20061026	US 2006-576784	20060421
PRIORITY APPLN. INFO.: EP 2003-103841 A 20031016			WO 2004-EP52449	W 20041006	

AB A novel crystalline form of Fluvastatin sodium hydrate is described, referred to hereinafter as polymorphic Form G. Furthermore, processes for the preparation of this crystalline form and pharmaceutical compns. comprising this crystalline form are reported. For example, fluvastatin sodium Form A 300 mg were suspended in 1 mL water and stirred for 18 h. The solid residue was separated by filtration. Without any further drying, the obtained solid paste showed a characteristic x-ray powder diffraction pattern for Form G.

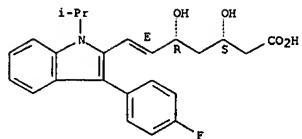
IT 93957-55-2, Fluvastatin sodium
 RU: RCT (Reactant); RACT (Reactant or reagent)
 (crystalline form of fluvastatin sodium hydrate)

RN 93957-55-2 CAPLUS

CN 6-Heptenoic acid, 7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-, monosodium salt, (3R,5S,6E)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

L9 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● Na

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:965217 CAPLUS
 DOCUMENT NUMBER: 141:395334
 TITLE: Preparation of polymorphic crystalline fluvastatin sodium
 INVENTOR(S): Suri, Sanjay; Sarin, Gurdeep Singh
 PATENT ASSIGNEE(S): Morepen Laboratories Ltd., India
 SOURCE: PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004096765	A2	20041111	WO 2004-IN121	20040430
WO 2004096765	A3	20050127		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	OTHER SOURCE(S): CASREACT 141:395334	IN 2003-DE656	A 20030501	
PRIORITY APPLN. INFO.: IN 2003-DE656 A 20030501				

AB Crystalline polymorphic forms of fluvastatin sodium and its hydrates are prepared by the reaction of the Me ester of fluvastatin with sodium hydroxide followed by the addition of aliphatic ethers (e.g., THF) as an antisolvent to facilitate precipitating the crystal polymorph of fluvastatin sodium.

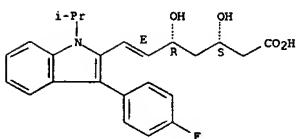
IT 93957-55-2, Fluvastatin sodium
 RU: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of polymorphic crystalline fluvastatin sodium)

RN 93957-55-2 CAPLUS

CN 6-Heptenoic acid, 7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-, monosodium salt, (3R,5S,6E)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.

L9 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● Na

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10576784

L9 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:962842 CAPLUS

DOCUMENT NUMBER: 141:400924

TITLE: Stabilization of polymorphic forms of fluvastatin sodium in solid pharmaceutical formulations
INVENTOR(S): Stamm, Gerold U.; Kraass, Peter
PATENT ASSIGNEE(S): Ratiopharm GmbH, Germany
SOURCE: Ger. Offen., 9 pp.
CODEN: GWXBX

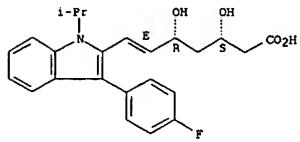
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10316087	A1	20041111	DE 2003-10316087	20030408
PRIORITY APPLN. INFO.:			DE 2003-10316087	20030408
AB The invention concerns the stabilization of polymorphic forms of fluvastatin sodium in solid pharmaceutical formulations by setting the water content of the formulations at a predet. value and maintaining this water content during storage, to maintain the water content formulations are coated or packaged in appropriate materials. Thus tablets were prepared by using (mg/tablet): racemate fluvastatin sodium, polymorph D form, having water content 9.6 weight/weight% 80.0 sorbit with water content 1.2 weight/weight% 20.0; microcryst. cellulose with water content 4.5 weight/weight% 40.0; calcium hydrogen phosphate dihydrate with water content 26.0 weight/weight% 15; total water content of a 195 mg tablet core was 11.8 weight/weight%. Tablets were coated with (mg/tablet): Pharmacoat 606 5.0; PEG 4000 0.25; talc 2.0; stearic acid 0.75.				
IT 93957-55-2, Fluvastatin sodium RL: PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses) (stabilization of polymorphic forms of fluvastatin sodium in pharmaceutical formulations)				
RN 93957-55-2 CAPLUS				
CN 6-Heptenoic acid, 7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-, monosodium salt, (3R,5S,6E)-rel- (9CI) (CA INDEX NAME)				

Relative stereochemistry.
Double bond geometry as shown.

L9 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:893756 CAPLUS

DOCUMENT NUMBER: 140:120211

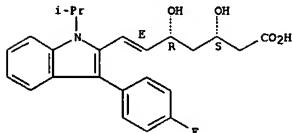
TITLE: [R*,S*-{(E)}]-(-)-7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-6-heptenoic acid, monosodium salt intermediate. FDME crystal forms
AUTHOR(S): Anon.
CORPORATE SOURCE: USA
SOURCE: IP.com Journal (2003), 3(9), 11 (No. IPCOM000018800D), 11 Aug 2003
CODEN: IPDODX; ISSN: 1533-0001

PUBLISHER: IP.com, Inc.
DOCUMENT TYPE: Journal; Patent

LANGUAGE: English
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
IP 188000		20030811	IP 2003-188000	20030811
PRIORITY APPLN. INFO.: AB [R*,S*-{(E)}]-(-)-7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-6-heptenoic acid Me ester (FDME) is used as an intermediate in the preparation of the title compound. Here, the x-ray powder diffraction data of 2 crystal forms of FDME are given.				
IT 93957-55-2	RL: PEP (Properties) (x-ray powder diffraction data for α and β crystal forms of)			
RN 93957-55-2 CAPLUS				
CN 6-Heptenoic acid, 7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-, monosodium salt, (3R,5S,6E)-rel- (9CI) (CA INDEX NAME)				

Relative stereochemistry.
Double bond geometry as shown.



● Na

L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:42379 CAPLUS

DOCUMENT NUMBER: 128:119663

TITLE: Polymorphs of fluvastatin sodium
INVENTOR(S): Horvath, Karol
PATENT ASSIGNEE(S): Astra Aktiebolag (Publ.), Swed.; Horvath, Karol
SOURCE: PCT Int. Appl., 32 pp.

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9749681	A1	19971231	WO 1997-SE1097	19970618
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TU, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BG, BR, RU, TJ, TM, RW: GH, KE, LS, MW, SD, SZ, UW, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9733662	A	19980114	AU 1997-33662	19970618
EE 907639	A1	19990414	EP 1997-929654	19970618
EP 907639	B1	20030312		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, SE, SI, LT, LV, FI, RO				
JP 2000512992	T	20001003	JP 1998-502821	19970618
AT 234282	T	20030315	AT 1997-929654	19970618
PT 907639	T	20030630	PT 1997-929654	19970618
ES 2194202	T3	20031116	ES 1997-929654	19970618
US 6124340	A	20000926	US 1997-875203	19970731

PRIORITY APPLN. INFO.:

AB This invention relates to a novel form of the HMG-CoA reductase inhibitor fluvastatin, more specifically to a highly crystalline form of fluvastatin sodium, referred to as fluvastatin sodium form B. The invention also relates to processes for the production of fluvastatin sodium form B, to pharmaceutical compns. comprising fluvastatin sodium form B, and to the use of fluvastatin sodium form B in cardiovascular diseases treatment. Thus, lyophilized fluvastatin sodium form A was dissolved in a mixture of EtOH and water and the solution stirred for 5 min. MeCN was added as a precipitating solvent and the solution was seeded with the form B crystals to induce crystallization of fluvastatin sodium monohydrate form B.

IT 93957-55-2, Fluvastatin sodium
RL: PEP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(polymorphs of fluvastatin sodium)

RN 93957-55-2 CAPLUS

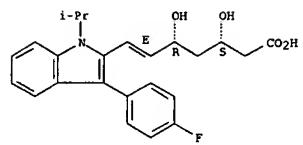
CN 6-Heptenoic acid, 7-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3,5-dihydroxy-, monosodium salt, (3R,5S,6E)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

Karen Cheng

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L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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Karen Cheng